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PATENT & TRADEMARK OFFICE

| FORM PTO-1449 | SERIAL NO. 10/681,427 | CASE NO. 11127/6 |
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| **LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT** | FILING DATE October 8, 2004 | GROUP ART UNIT 1625 |
| (use several sheets if necessary) | APPLICANT(S): Imperiali et al. | |

**REFERENCE DESIGNATION** **U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER Number-Kind Code (if known) | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
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**FOREIGN PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER Number-Kind Code (if known) | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
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| EXAMINER INITIAL | | OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published. |
|---|---|---|
| | A1 | Chien-An, C. et al., "Biosensors of Protein Kinase Action: From In Vitro Assays to Living Cells", *Biochimica et Biophysica Acta*, 1697, pp. 39-51, 2004. |
| | A2 | Chien-An, C. et al., "Design and Synthesis of a Fluorescent Reporter of Protein Kinase Activity", *J. Am. Chem. Soc.*, 124, pp. 3840-3841, 2002. |
| | A3 | Higashi, H. et al., "Imaging of cAMP-Dependent Protein Kinase Activity in Living Neural Cells Using a Novel Fluorescent Substrate", *FEBS Letters*, 414, pp. 55-60, 1997. |
| | A4 | Hofmann, R.M. et al., "Fluorescent Monitoring of Kinase Activity in Real Time: Development of a Robust Fluorescence-Based Assay for Abl Tyrosine Kinase Activity", *Bioorganic & Medicinal Chemistry Letters*, 11, pp. 3091-3094, 2001. |
| | A5 | Kurokawa, K. et al., "A Pair of Fluorescent Resonance Energy Transfer-Based Probes for Tyrosine Phosphorylation of the CrkII Adaptor Protein *in Vivo*", *The Journal of Biological Chemistry*, 276, No. 33, pp. 31305-31310, 2001. |
| | A6 | Lawrence, D., "Chemical Probes of Signal-Transducing Proteins", *Acc. Chem. Res.*, 36, pp. 401-409, 2003. |
| | A7 | McIlroy, B. K. et al., "A Continuous Fluorescence Assay for Protein Kinase C", *Analytical Biochemistry*, 195, pp. 148-152, 1991. |
| | A8 | Nagai, Y. et al., "A Fluorescent Indicator for Visualizing cAMP-Induced Phosphorylation in Vivo", *Nature America Inc.*, 18, pp. 313-316, 2000. |
| | A9 | Post, P. et al., "A Genetically Engineered, Protein-Based Optical Biosensor of Myosin II Regulatory Light Chain Phosphorylation", *The Journal of Biological Chemistry*, 269 No. 17, pp. 12880-12887, 1994. |
| | A10 | Sato, M. et al., "Fluorescent Indicators for Imaging Protein Phosphorylation in Single Living Cells", *Nature Biotechnology*, 20, pp. 287-294, 2002. |
| | A11 | Shults, M.D. et al., "Versatile Fluorescence Probes of Protein Kinase Activity", *J. Am. Chem. Soc.*, 125, pp. 14284-14249, 2003. |
| | A12 | Ting, A. Y. et al., "Genetically Encoded Fluorescent Reporters of Protein Tyrosine Kinase Activities in Living Cells", *PNAS*, 98, No. 26, pp. 15003-15008, 2001. |

| EXAMINER Lynne N Davis | DATE CONSIDERED 9/1/2004 |
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| | A13 | Violin, J.D. et al., "A Genetically Encoded Fluorescent Reporter Reveals Oscillatory Phosphorylation by Protein Kinase C", *The Journal of Cell Biology*, 161, No. 5, pp. 899-909, 2003. |
| | A14 | Wright, D. E. et al., "Fluorometric Assay for Adenosine $3^{\prime}$,$5^{\prime}$-Cyclic Monophosphate-Dependent Protein Kinase and Phosphoprotein Phosphatase Activities", *Proceedings of the National Academy of Sciences of the United States of America*, 78, No. 10, pp. 6048-6050, 1981. |
| | A15 | Yeh, R. et al., "Real Time Visualization of Protein Kinase Activity in Living Cells", *The Journal of Biological Chemistry*, 277 No. 13, pp. 11527-11532, 2002. |
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| EXAMINER Lavinia N Davis | DATE CONSIDERED 9/1/2004 |
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